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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/917,908	07/31/2001	Kenichi Tamaki	1602.1003	1153

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EXAMINER

MIRZA, ADNAN M

ART UNIT	PAPER NUMBER
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2145

DATE MAILED: 02/13/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/917,908

Applicant(s)

TAMAKI, KENICHI

Examiner

Adnan M. Mirza

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 27 January 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 2,4-6,8 and 16-21 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 2,4-6,8,16-21 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 07/31/2001.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 2,4-6,8,16-21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Brassil (U.S. 2002/0107940) and Jones (US 2002/0091874).

As per claims 2 Brassil disclosed an event-driven information display system comprising: a client; and a server connected to said client through an electric communication line (Page. 2, Paragraph 0029); wherein said client receives display information corresponding to an event generated therein from said server through said electric communication line for display, and wherein said client includes an event detecting section detecting the generation of an event, a storage section storing events and pieces of display information by correlating them with respect to each other with correlation information, and an-online condition determining section determining whether said client is on-line or off-line, wherein when said on-line condition determining section determines that said client is online (Page. 2, Paragraph 0030, 0052), said client transmits to said server correlation information which is defined corresponding to said event detected by said event detecting section without reading out display information from said storage section (Page. 6, Paragraph 0086), Wherein when said online condition determining

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section determines that said client is off-line, said client reads out from said storage section display information correlated to an event detected by said event detecting section using said correlation information and displays said information thus read out (Page. 2, Paragraph. 0030).

However Brassil did not disclose in details receives display information sent from said server based on said correlation information to display it, and wherein said server includes a display information storage section for storing display information defined corresponding to said related information, reads out from said display information storage section display information corresponding to said related information sent from said client, and transmits it to said client so that said display information sent from said server is displayed at said client.

In the same field of endeavor Jones disclosed machine may also convert object into byte stream for transmission to a third machine, which contains its own RMI and code for processing objects. RMI 618, using code for the object, converts byte stream into corresponding object, which it stores in memory. Object is a copy of object. If code for the object is not resident or available, machine requests the code from another machine using the URL, as described above (Page. 6, Paragraph 0084). Machine, desiring notification of a particular network event registers with RMI by transmitting a request for event notification including are associated with a marshaled object. Event generator stores the marshaled object. Event generator stores the marshaled object for later transmission. When RMI detects an occurrence of the event, it transmits notification of the event along with marshaled object, which may contain information relating to the event (Page. 7, Paragraph 0100).

It would have been obvious to one having ordinary skill in the art at the time of the invention was made to have incorporated machine may also convert object into byte stream for transmission to a third machine, which contains its own RMI and code for processing objects. RMI 618, using code for the object, converts byte stream into corresponding object, which it stores in memory. Object is a copy of object. If code for the object is not resident or available, machine requests the code from another machine using the URL, as described above. Machine, desiring notification of a particular network event registers with RMI by transmitting a request for event notification including are associated with a marshaled object. Event generator stores the marshaled object. Event generator stores the marshaled object for later transmission. When RMI detects an occurrence of the event, it transmits notification of the event along with marshaled object, which may contain information relating to the event as taught by Jones in the method of Brassel for providing a need and method for handling events side by side and manage it according to the needs of the clients in order to reduce latency between displaying the events.

4. As per claim 4 Brassil-Jones disclosed further comprising an updating section for updating contents stored in said storage section of said client by transmitting the latest contents from said server to said client (Jones Page. 5, Paragraph 0075).

5. As per claim 5 Brassil-Jones disclosed wherein said display information comprises one or more advertisements (Brassil, Page. 7 Paragraph 0091).

6. As per claim 6 Brassil-Jones disclosed wherein said display information comprises local information or version information of application software (Jones, Page. 4, Paragraph. 0066).

7. As per claims 8 Brassil-Jones disclosed an event-driven information display client adapted to be connected to a server through electric communication line for receiving display information corresponding to an event generated therein from said server for display, said client comprising: an event detecting section for detecting the generation of an event therein (Brassil, Page. 3, Paragraph 0036-0037), storage section storing events and pieces of display information by correlating them with respect to each other with correlation information, and an-online condition determining section determining whether said client is on-line or off-line, wherein when said on-line condition determining section determines that said client is online (Page. 2, Paragraph 0030, 0052), said client wherein upon said on-line condition determining section determining that said client is on-line said client transmits to said server correlation information, which is defined corresponding to said event detected by said event detecting section without reading out display information from said storage section, receives display information (Brassil, Page. 6, Paragraph. 0086), sent from said server, based on said correlation information, and displays the received display information, and wherein upon said online condition determining section determining that said client is off-line said client reads out from said storage section display information correlated to an event detected by said event detecting section using said correlation information, and displays said read-out display information (Jones, Page. 4, Paragraph. 0063 & Page. 6, Paragraph. 0082).

8. As per claim 16 Brassil-Jones disclosed wherein the display section said display information read out by said display information reading section displaying said display information read out by said display information reading section is a limited frame of a larger display area (Jones Page. 6, Paragraph 0084).

9. As per claim 17-20 Brassil-Jones disclosed an event-driven information display method for displaying predetermined display information in accordance with an event generated, said method comprising: detecting a generation of an event in a client; correlating the event and display information in the client; determining whether the client is online or offline (Brassil, Page. 2, Paragraph 0030, 0052); upon determining that the client to the server, correlation information that is defined corresponding to said detected event (Brassil, Page. 3, Paragraph 0036-0037), receiving display information form the server based on said correlation information for display, and displaying the received display information, and upon determining that said client is offline, further; detected event using said correlation information, and displaying said display information thus read out (Jones, Page. 6, Paragraph. 0084).

10. As per claim 21 Brassil-Jones disclosed the medium according wherein the predetermined display information is displayed in a limited frame of a larger display area (Jones, Page. 6, Paragraph, 0084).

Response to Arguments

Applicant's arguments filed 11/14/2005 have been fully considered but they are not persuasive.

Response to applicant's arguments is as follows:

11. Applicant argued that prior art did not disclose, "client transmits to said server correlation information which is defined corresponding to said event detected by said event detecting section without reading out display information from said storage section".

As to applicant's argument Brassil disclosed, "The media server can include server cue handling mechanism for inserting cues into the media stream. The receiver can include a client cue handling mechanism (CCHM) for detecting cues and cues for certain applications (eg. Recording a program)" (Page. 6, Paragraph. 0086). One ordinary skill in the art at the time of the invention knows that the media server has a choice of adding cues so in other word its an option and that can be interpreted as "event detecting section without reading out display information from said storage section".

12. Applicant argued that prior art did not disclose, "receiving sent from said server based on said correlation information to display it, and wherein said server includes a display information storage section for storing display information defined corresponding to said related information, reads out from said display information storage section display information corresponding to said

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related information sent from said client, and transmits it to said client so that said display information sent from said server is displayed at said client”.

As to applicant’s argument Brassil disclosed, “The media server includes a database for storing media, a live facility for providing live media (e.g; a live concert), a network interface for communication information with the network interface for communication information with the network. A stream generator is coupled to the database and the live feed facility for receiving the media streams, and based thereon for generating corresponding data packets compliant with Internet protocols that are ready for transmission across the network” (Page. 2, Paragraph 0030).

13. Applicant argued that prior art did not disclose “an online condition determining section, “determining whether said client is online or offline”.

As to applicant’s argument Jones disclosed, “A transmitting machine includes in the marshaled object an identification of the type of the object transmitted, the data constituting the state of the object and a network accessible location in the form of URL that is associated with the object (Jones, Page. 6, Paragraph. 0082).

14. Applicant argued that prior art did not disclose “receiving display information corresponding to an event generated therein from the server”

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As to applicant's argument Jones disclosed, "at a first machine a stream containing a self describing form of an object associated with a request for notification of particular event within a distributed system (Page. 3, Paragraph. 0045)

Conclusion

15. Any inquiry concerning this communication or earlier communication from the examiner should be directed to Adnan Mirza whose telephone number is (571)-272-3885.

16. The examiner can normally be reached on Monday to Friday during normal business hours. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jason Cardone can be reached on (571)-272-3933. The fax for this group is (703)-746-7239. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

17. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR

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system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at (866)-217-9197 (toll-free).



Adnan Mirza

Examiner



JASON CARDONE
SUPERVISORY PATENT EXAMINER